



REMARKS

The Examiner has required a restriction under 35 U.S.C. § 121 to one of the following seven separate inventions:

- I. Claims 1-12, drawn to isolated respiratory syncytial virus (RSV) with an MS-2, SH, NS1, or NS2 gene mutation classified in class 435, subclass 236.
- II. Claim 13, drawn to isolated RSV with an M2-1 gene mutation, classified in class 435, subclass 236.
- III. Claims 14 and 15, drawn to RSV comprising a heterologous sequence from another strain of RSV, classified in class 435, subclass 172.3.
- IV. Claims 14 and 16, drawn to RSV comprising a heterologous sequence derived from a virus other than RSV, classified in class 435, subclass 175.3.
- V. Claims 17, 19-21, and 35 drawn to vaccines comprising RSV mRNA with a mutation or deletion of the M2-1 gene, classified in class 424, subclass 205.1 or 211.1.
- VI. Claims 17, 18, 22-32, and 35, drawn to vaccines comprising RSV mRNA with M2-2, SH, NS1 or NS2 gene mutations or deletions, classified in class 424, subclass 205.1 or 211.1.
- VII. Claims 33 and 34, drawn to vaccines comprising RSV mRNA and a heterologous sequence, classified in class 424, subclass 199.1.

The Examiner contends that the inventions of Groups I - VII are distinct.

In response, Applicants elect without traverse the invention of Group I, Claims 1 to 12, to prosecute in the present application without prejudice to prosecute the subject matter of the non-elected Groups in one or more subsequent divisional applications.



Claims 13-35 have been canceled without prejudice to Applicants' right to pursue the subject matter of the canceled claims in subsequent applications.

Entry of the foregoing amendments and consideration of the remarks is respectfully requested. The claims are believed to be patentable and free of the art. Early allowance is respectfully requested.

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Respectfully submitted,

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